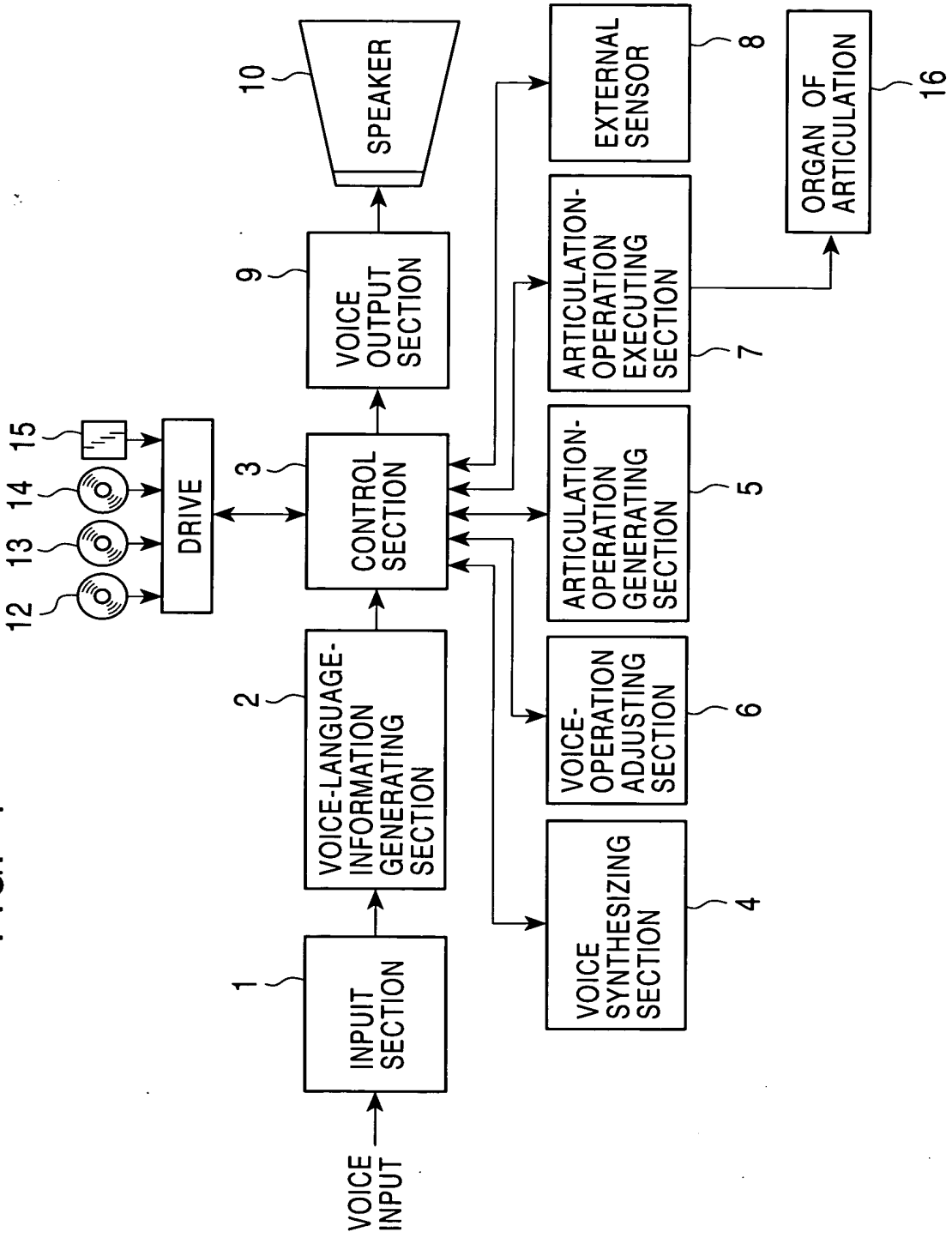
S00P1572

FIG. 1



09/421,760

FIG. 2

PHONEME INFORMATION	K	O	X	N	I	CH	I	W	A
PHONEME CONTINUATION PERIOD (UNIT: msec)	87.0	126.0	79.0	40.0	91.0	114.0	42.0	32.0	190.0

09/422,260 PCT/JP98/04750

FIG. 3

PHONEME INFORMATION	K		O		X		N		I		CH		I		W		A	
	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T
JAWS (UP/DOWN)	DOWN	20	—	40	UP	80	—	20	—	40	DOWN	30	UP	40	DOWN	50	UP	50
LIPS (UP/DOWN)	DOWN	30	DOWN	30	UP	60	—	0	DOWN	30	—	0	UP	50	DOWN	40	—	0
(TIGHT/ CLOSED)	LOOSE	40	—	0	TIGHT	50	TIGHT	20	TIGHT	40	TIGHT	20	LOOSE	40	LOOSE	40	LOOSE	50
(OPEN/ CLOSED)	OPEN	30	—	0	CLOSED	70	OPEN	10	—	30	—	40	CLOSED	50	OPEN	50	—	0
THROAT (AMPLITUDE)	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0
(UP/DOWN)	UP	40	—	0	—	0	—	0	—	0	—	0	—	0	—	0	DOWN	40
TONGUE (UP/DOWN)	DOWN	30	UP	30	—	0	—	0	—	0	—	0	DOWN	30	—	0	—	0
(RIGHT/ LEFT)	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0	—	0
(FRONT/ BACK)	BACK	30	FRONT	40	—	0	—	0	—	0	—	0	BACK	50	—	0	FRONT	60
NOSE (OPEN/ CLOSED)	OPEN	20	—	0	—	0	—	0	—	0	—	0	—	0	—	0	CLOSED	50

A: OPERATION INSTRUCTION T: OPERATOION PERIOD (msec)

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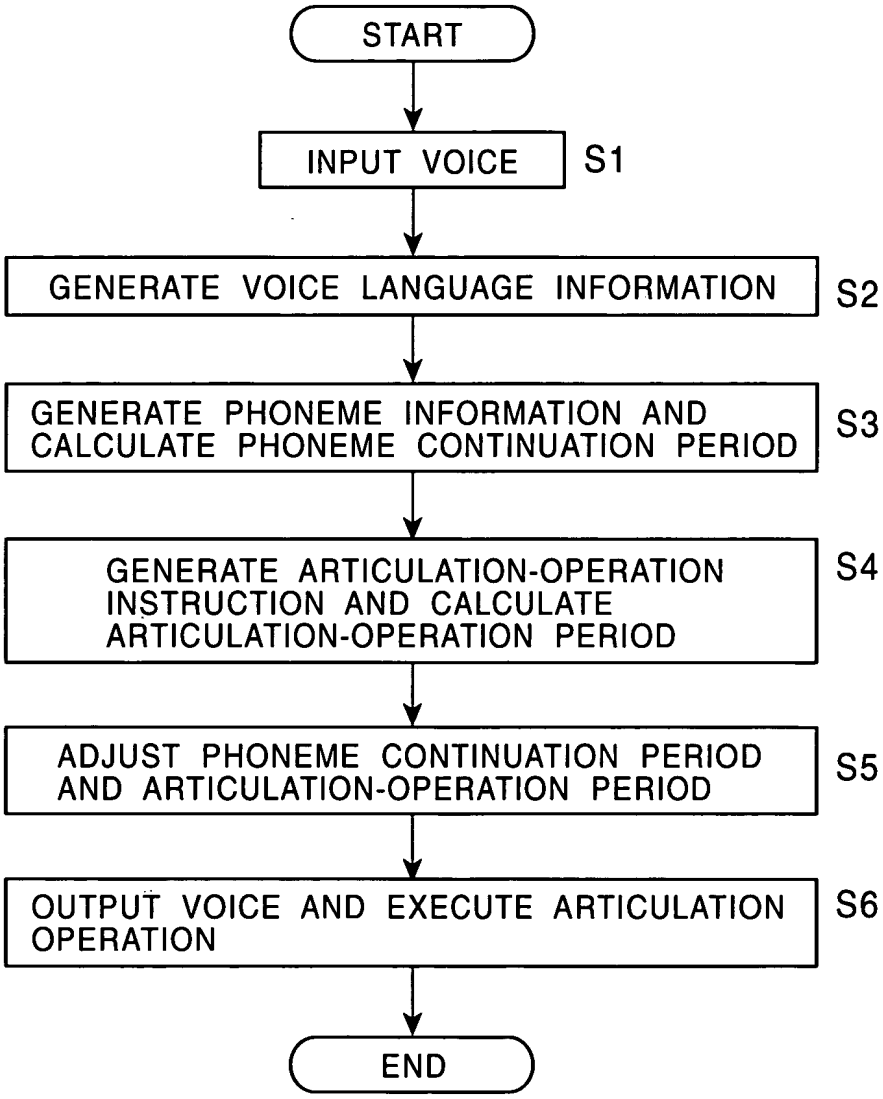
FIG. 4

PHONEME INFORMATION	K	O	X	N	I	CH	I	W	A
PHONEME CONTINUATION PERIOD (UNIT : msec)	87.0	126.0	80.0	40.0	91.0	114.0	50.0	40.0	190.0

FIG. 5



09/462,547 12/27/00

FIG. 6A

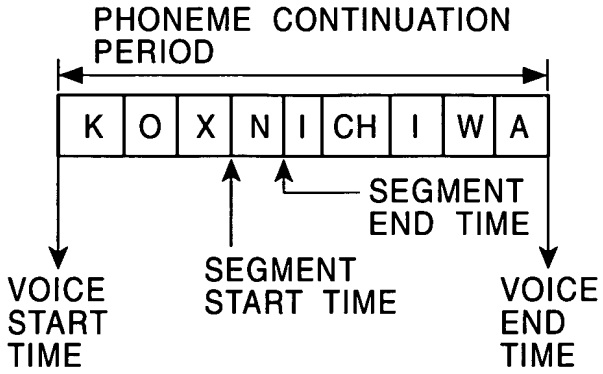


FIG. 6B

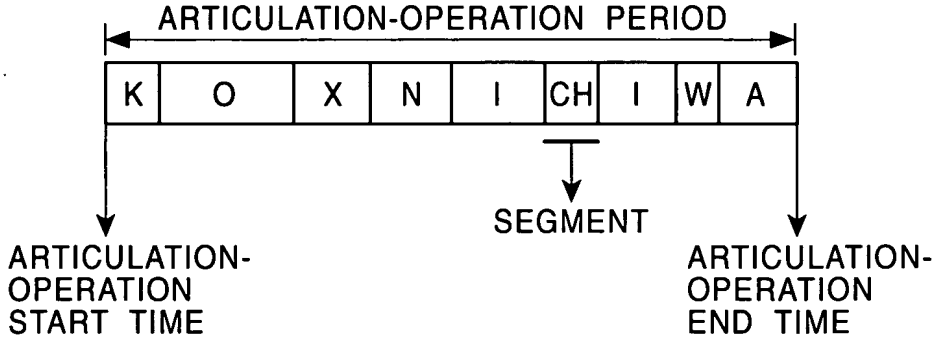


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FIG. 7

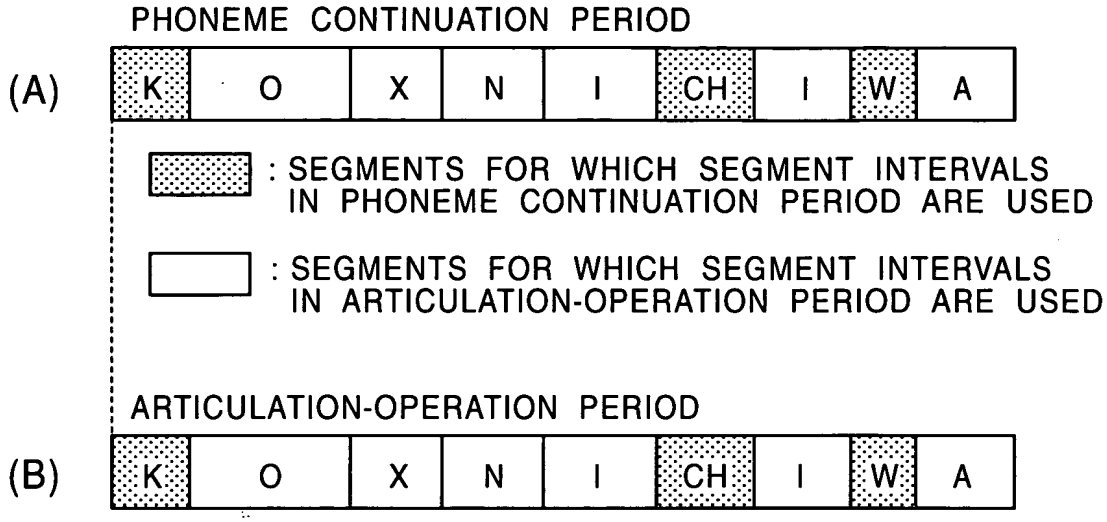

PHONEME CONTINUATION PERIOD
(A)
K
O
X
N
I
CH
I
W
A
: SEGMENTS FOR WHICH SEGMENT INTERVALS IN PHONEME CONTINUATION PERIOD ARE USED
: SEGMENTS FOR WHICH SEGMENT INTERVALS IN ARTICULATION-OPERATION PERIOD ARE USED
ARTICULATION-OPERATION PERIOD
(B)
K
O
X
N
I
CH
I
W
A

FIG. 8

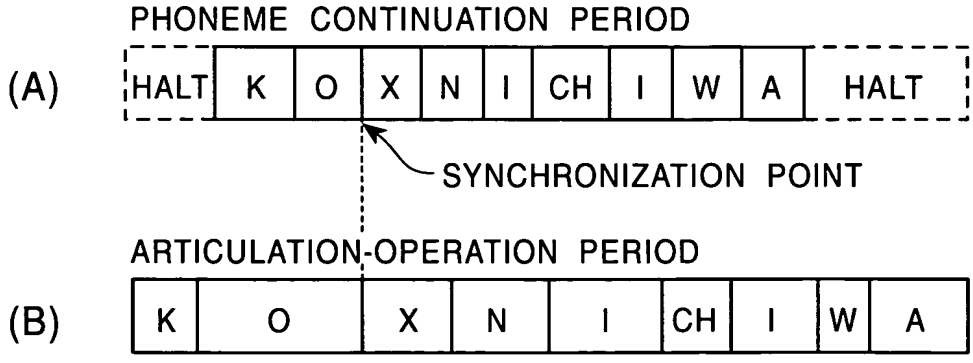

PHONEME CONTINUATION PERIOD
(A)
HALT
K
O
X
N
I
CH
I
W
A
HALT
SYNCHRONIZATION POINT
ARTICULATION-OPERATION PERIOD
(B)
K
O
X
N
I
CH
I
W
A

FIG. 9A

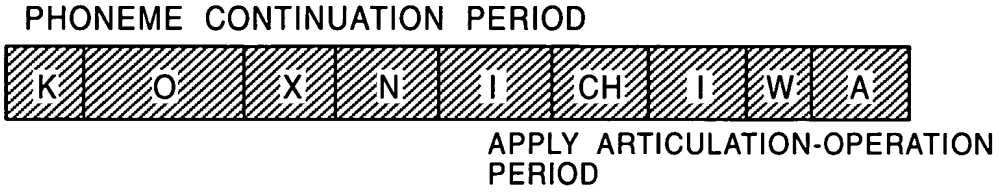
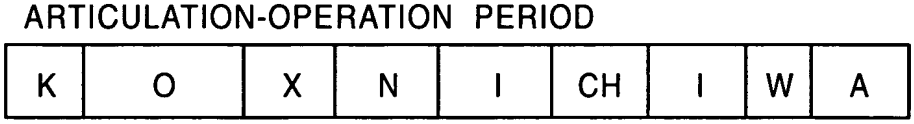


FIG. 9B



09/424,574 : 11/22/99

FIG. 10

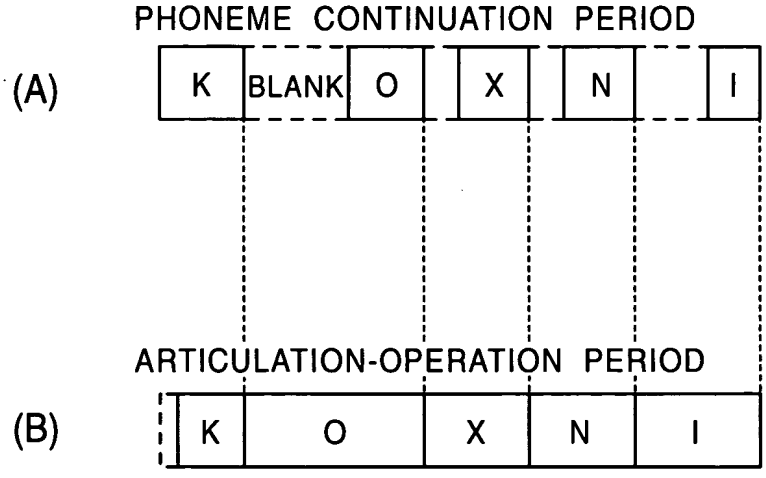


FIG. 11

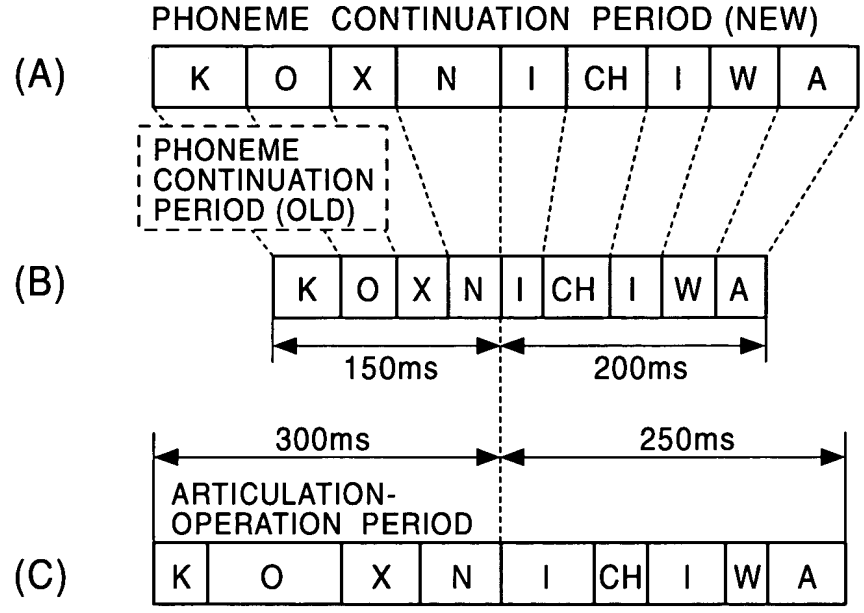
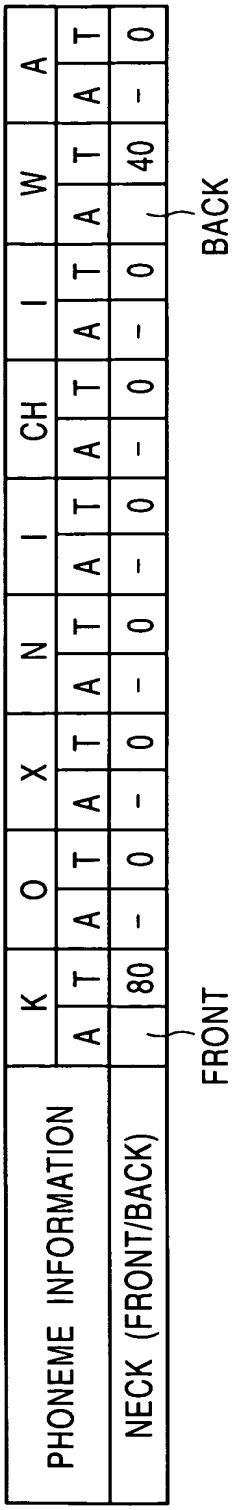
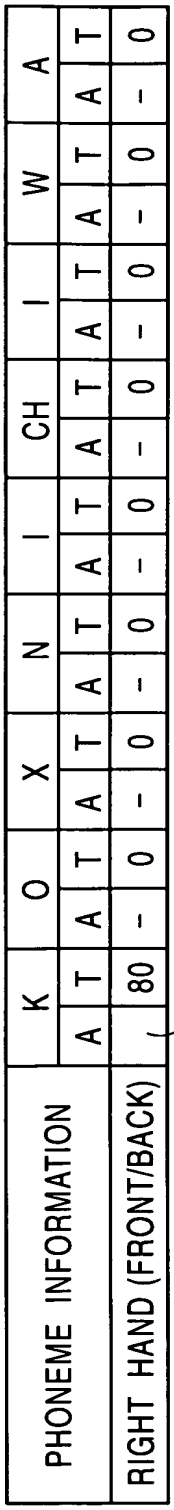

PHONEME CONTINUATION PERIOD (NEW)
(A)
K O X N I CH I W A
PHONEME CONTINUATION PERIOD (OLD)
(B)
K O X N I CH I W A
150ms
200ms
300ms
250ms
ARTICULATION-OPERATION PERIOD
(C)
K O X N I CH I W A

FIG. 12A



PHONEME INFORMATION	K		O			X			N			I			CH			I			W			A	
	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T
NECK (FRONT/BACK)	FRONT	80	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	BACK	40	-	0			

FIG. 12B



PHONEME INFORMATION	K		O			X			N			I			CH			I			W			A	
	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T
RIGHT HAND (FRONT/BACK)	FRONT	80	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0			